

## A CHEAP ROOFING,

Fully equal in durability to the common Composition Roofs, can be made, and easily applied by any one, *at one-half the cost*, with the best ROOFING FELT and the ASBESTOS COATING.

Full instructions for applying will be furnished.

As there are many who wish the cheapest roof, as a protection for a few years, this form of roof will be valuable, and by its adoption at least 50 per cent. of the cost of various kinds of *patent* Roofing now in use can be saved and the consumer will have a "value received" for his investment. We recommend it for all temporary uses.

H. W. JOHNS'

## Improved Preservative Paint.

This Paint is composed of Gums, Oils and resinous substances, combined with distilled tar and the best known dryers—it contains no mineral or pigment and is *prepared ready for use*, about the consistency of ordinary mixed paints. It costs much less, retains its elasticity longer, and is more durable.

It is particularly adapted for iron railings, agricultural tools, fences, &c., and for all outside work where its color (black) is not objectionable; *we guarantee it to be the best preservative paint* in use for wood, as it penetrates the pores, and renders it impervious to dampness. Fence-posts coated with this paint before setting, will last twice as long.

It forms a perfect protection against corrosion and decay of iron and wood when in contact with salt water, and as a preservative of ships-hulls, piers and docks, and all materials subject to injury from worms and barnacles, it is not excelled by any paint in use.

It is put up in 5, 10 and 20 gallon kegs and bbls. One gallon will cover from 200 to 300 square feet.

We manufacture a superior article of

## BLACK VARNISH.

for manufacturers of ornamental iron work, machinery, agricultural implements, wagons, tools, steam-pipes, boilers, &c., which costs about half as much as the ordinary Asphaltum Varnish.

## SHEATHING FELT.

This article is much heavier and stronger than any other of the kind in use. It is made expressly for Sheathing under weather boards in frame buildings instead of filling in with brick and for Sheathing under Slate roofs.

25 lbs. will cover 100 sq. ft. It is put up in rolls of about 50 lbs. each.

## ROOFING FELT.

BEST QUALITY ONLY

40 to 45 lbs. will cover 100 sq. ft. three thicknesses.

We can supply the Trade with Roofing Brushes, Nails, &c., at low prices.

In every town, these materials, in the hands of an energetic party, would find a ready sale; and we will *give exclusive right* to sell and apply our Roofing to a responsible and satisfactory applicant.

Our discounts to the Trade will be found satisfactory.

FULL DIRECTIONS FOR APPLYING WILL BE SENT WITH MATERIALS.

**Testimonials and names of parties who have used our materials, prices, terms, and all further desired information will be furnished on application.**

## ASBESTOS

This wonderful mineral, as is perhaps not generally known, is abundant in this and other countries, and has during the past century attracted the attention of scientific men in various parts of the world, on account of its peculiarly distinctive qualities, it being fibrous, indestructible by fire, and flexible to an extent which renders it capable of being woven into cloth. Such cloth was used by the ancients to wrap the bodies of illustrious dead on the funeral pile for preserving in it their ashes.

It has for many years been applied to the making of fire-proof dresses in some parts of Europe. It has also been used for lamp wicks, and as a lining for fire-proof safes, &c.; but up to the present time there has been found no use for it which would bring it extensively into demand.

Having long been familiar with the evidently valuable properties of this mineral, and believing from its indestructibility it could be made, in a marked degree, valuable as an element of strength and durability in combination with oleaginous or viscous matter for the protection and preservation of woven fabrics, wood, metals, and other materials, we have, after a series of experiments, succeeded in embodying it in our water-proof compositions for roofing purposes, for which it has proved eminently well adapted, and, having satisfactorily demonstrated its utility, we have applied for patents in this and other countries for the use of asbestos for roofing and other purposes, and shall shortly produce it in such forms as we shall consider of greatest utility.

Respectfully,

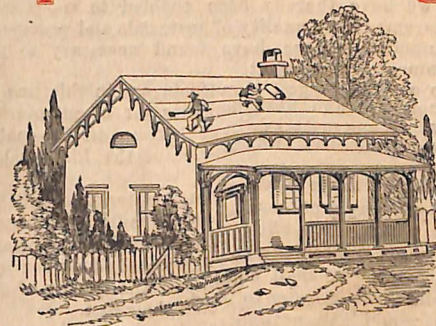
H. W. JOHNS.

ESTABLISHED IN 1858.

## DESCRIPTIVE CIRCULAR

OF

## H. W. JOHNS' Improved Roofing,



## ASBESTOS ROOF COATING and CEMENT,

PRESERVATIVE PAINT, BLACK VARNISH,

And General Roofing Materials,

78 WILLIAM STREET,

Corner Liberty St., NEW YORK.



NEW YORK, *March 15th*, 1868.

DEAR SIR:

In 1858 we commenced the manufacture of materials for Roofing purposes, and have since that time made use of every means in our power to produce the best articles of the kind made.

During these ten years the sale of our manufactures has steadily increased from 33 to 50 *per cent. each year*, and we have thereby been enabled to make such improvements in quality of materials and process of manufacture as we have found necessary to the attainment of our object.

We are the largest manufacturers in this line in the country, and have facilities for manufacturing and procuring materials in such quantities as enable us to furnish the best articles of the kind at low prices.

The importance of having such materials of reliable quality is very great, and we would caution purchasers against such as are offered by unskillful or unprincipled manufacturers—with such we shall not compete in prices, as we shall not impair the quality of our manufactures in order to lessen their cost.

We would call particular attention to the newly discovered uses of the indestructible fibrous mineral ASBESTOS (for which we have applied for patents in this and other countries), by which we have gained an element long desired, whose value cannot be over-estimated.

As we are every year coming less in contact with consumers, we would say to dealers that we shall, as heretofore, make every resource available for the improvement of our materials, and although we do not claim infallibility, we do claim a degree of perfection never before attained, and offer them with entire confidence that they will be found satisfactory in quality and reasonable in price.

## H. W. JOHNS' Improved Roofing.

This Roofing is manufactured by a process recently perfected, and consists of a foundation of *heavy canvas*, 40 inches wide, saturated and coated with an elastic water-proof composition, protected on the lower side with a manilla wrapper, which prevents adhesion to the roof-boards. This, when finished with the Asbestos Roof Coating, according to directions, forms a smooth surface of stone, which may be made any desired color.

The advantages possessed by this Roofing, never before attained, are—

1st. Uniformity in every square foot manufactured.  
2d. The foundation being thoroughly impregnated with our preservative composition, is rendered impervious to dampness.

3d. By our improved process all *tension* is avoided in manufacturing, thus obviating any tendency to shrink when exposed to the weather.

When finished, it is proof against burning cinders or coals, and is not injuriously affected by hot or cold weather.

It is insured by Insurance Companies at same rates as tin. From its elasticity, it is not liable to injury from ordinary shrinking of roof-boards. It is adapted to *steep or flat roofs*, and weighs only about 75 pounds to 100 square feet. It is adapted for all climates, and is the only composition roofing which will withstand the heat of the tropics. It can be readily applied (or repaired if injured) by any intelligent workman. No heat is required in applying. It is particularly adapted for Roofs of Cars and Steamboats, Railroad Bridges, &c. It is manufactured in rolls containing 200 square feet each.

## ASBESTOS ROOF COATING.

*Patented Feb. 29th, 1868.*

This article is an improvement upon the Roofing Cement heretofore manufactured by us, and is composed of ground Asbestos combined with valuable gums, oils and resinous substances in connection with mineral and vegetable tar, properly distilled and rendered valuable by expunging all acids and the dead oil (or non-drying principle). It is prepared ready for use, of proper consistency to be applied with a brush, and will be used for finishing our Improved Roofing, and for coating and repairing Felt, Canvas, Shingle and Tin Roofs.

We have long sought for some indestructible material which could be combined with, and held diffused through our preservative compositions, which would impart strength and elasticity and thereby add to their durability. The fire-proof mineral Asbestos is the only known substance which possesses the requisite qualities, and owing to its fibrous nature, it can be applied as a coating of any required thickness without being liable to run in the heat of the sun, thus obviating the difficulty which has always existed in the use of other materials for Roof Coatings.

All other ground minerals or pigments absorb the valuable properties of paints, &c., when exposed, and assist in evaporating and carbonizing them, leaving only a dry crumbling mass instead of a protective coating—Asbestos on the contrary protects the composition. We therefore feel warranted in claiming the Asbestos Roof Coating to be superior to all other compositions ever produced for Roofing purposes.

We shall at present manufacture two grades of the Asbestos Coating.

No. 1. *TIN*—for coating and preserving tin and shingle roofs not in need of repairs.

No. 2. *MEDIUM*—for finishing our Roofing, and for Repairing Leaky Roofs, and for applying to Canvas, Felt, &c.

It will also be furnished of any desired consistency for special purposes.

## ASBESTOS CEMENT,

OR FIBROUS MINERAL COMPOUND,

*(Patented Feb. 29th, 1868.)*

FOR CEMENTING JOINTS & FISSURES IN STONE, WOOD, METALS, &c.,

AND PARTICULARLY

FOR REPAIRING LEAKY ROOFS.

The Elastic Mineral Cement heretofore manufactured by us for these purposes is now improved by the addition of crushed or ground Asbestos. We have by its use gained a degree of tenacity, strength and durability never before possessed by any similar article, the fine silk-like fibres of this mineral acting on the same principle as hair in mortar.

In combination with gums and resinous matter, it forms an elastic, adhesive compound, of a proper consistency to be easily applied with a trowel. It is not injured by heat or cold.

Leaky Joints around chimneys, dormer windows, towers, hip roofs, sky-lights, scuttles, &c., on *Shingle* and *Slate Roofs*, and broken joints, nail and rust holes in *Tin Roofs*, can be readily repaired with it by any one.

We guarantee it to stop all leaks to which it is properly applied, and claim that in every instance where ordinary leaks occur on roofs of all kinds, unless the roof covering is badly decayed or is in such condition as to be worthless, the expense of a new roof can be saved for many years by the timely use of this cement—in connection, if required, with our *Asbestos Roof Coating*.

This cement costs but a trifle, is always ready for use, and will not spoil by keeping.

It is put up in 10 lb. pails, and in kegs containing 25, 50, and 100 lbs. each, and in boxes containing one dozen 10 lb. pails for the trade.

Instructions for use on every package.



Digitized by:



ASSOCIATION  
FOR  
PRESERVATION  
TECHNOLOGY,  
INTERNATIONAL  
[www.apti.org](http://www.apti.org)

Australasia Chapter

**BUILDING  
TECHNOLOGY  
HERITAGE  
LIBRARY**

<https://archive.org/details/buildingtechnologyheritagelibrary>

from the collection of:

Miles Lewis, Melbourne

funding provided by:

the Vera Moore Foundation, Australia

